

## **CITY OF PLEASANT HILL**

### **NOTICE OF 2009 STREET RESURFACING (CAPE SEAL) PROJECT**

As part of the City's Pavement Management Program, the City will be applying a surface treatment to 24 residential streets in the Gregory Gardens and Sherman Acres subdivisions (see attached map) between mid-April, 2009 and the end of July, 2009. This schedule could vary depending on weather conditions and/or equipment breakdown.

This project will be done in two phases, under two separate construction contracts and contractors.

#### **PHASE I (begin early April 2009)**

Phase I will include pavement failure (pothole) repair, limited curb and gutter repair, and crack sealing. Phase II will rubberize cape seal the streets after Phase I repairs are completed. City staff has conducted an extensive survey of the streets to be resurfaced and identified approximately 72,000 square feet of pavement failures and approximately 1,750 linear feet of curb and gutter to be repaired prior to resurfacing. Due to limited City resources, only the worst curb and gutter locations can be repaired.

On April 6, 2009, the City Council awarded Phase I of this project to the low bidder, North Bay Construction, Inc. Work is expected to begin as soon as April 13, 2009 and be completed by mid-June 2009. If you have any questions or concerns with this portion of the work, please contact Ann Page, Assistant Engineer, City of Pleasant Hill at (925)-671-5260

#### **PHASE II (begin in mid-June 2009)**

Phase II of this project is currently out to public bid, and will be considered for award by the City Council on May 18, 2009. Residents are welcome to provide comments to City staff, who will try to mitigate any concerns prior to the City Council meeting.

The surface treatment to be placed on the street is called a cape seal, which is applied in a two-step process. The cape seal will provide a protective membrane that will prevent water from seeping under the pavement, which can cause rapid deterioration of the road. The use of a cape seal will eliminate the need to apply a more expensive resurfacing treatment (allowing the City to rehabilitate more streets) and still add years to the life of the existing pavement.

In 2008, the City Cape Sealed a number of residential streets using the same resurfacing process. Residents are encouraged to drive and look at these streets completed in 2008 to better understand the final roadway surface and product that will be applied on your streets. The 2008 resurfacing streets near your area include: Shirley Drive, Cynthia Drive, Ruth Drive, Sylvia Drive, Harriet Drive, Adria Drive, Maxine Drive, Rae Drive, Beverly Drive, Jennie Drive, Luella Drive, Violet Way, Terry Way and Lois Court. The most noticeable feature of the Cape Seal surface treatment is the initial surface roughness. This roughness will decrease over time as vehicle traffic wears the surface treatment.

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**Step One: Applying Rubber Binder Chip Seal**

The first part of this step involves spraying rubber binder oil on the pavement. The spraying is immediately followed by the spreading of a layer of rock.



**Spraying Rubber Binder Over Street**



**Placing Rock On Binder**

The rock is then compacted by three or four large equipment rollers for a couple of hours to assure proper coverage and embedment of the rock. The area is then swept to remove excess rock. The sweeping will continue for a couple of days or as needed to assure loose material is removed. Driveways and sidewalks will also be swept by the contractor. "Loose Gravel" and "15MPH" signs will be posted along the roadway to remind motorists to drive slowly. You will not be able to access the road until the equipment rollers have finished.



**Rolling Rock Into Binder**



**Sweeping Up Excess Rock**

## Step Two: Apply Microsurfacing Seal

This step involves placing an asphalt liquid material over the pavement on top of the layer of rock. This will require lanes to be closed for approximately four to six hours to allow the material to dry. This step will occur approximately two to three weeks after Step One is complete.



A city-hired contractor will perform the entire two-step process. Prior to the seal treatments, the contractor will provide a tentative schedule when each street will be treated. If you live in an affected area, you should receive a notice prior to the work. “No Parking” signs will be posted 48 hours prior to the start of work.

We request that you park your vehicles off the street when noticed to avoid oil spray and allow us to treat and clean the entire pavement surface. It is recommended, if you need to leave your house for any reason during the day when work is scheduled on your street, that you park your cars on a side street or an area not scheduled for street work.

## Estimated Delays:

Phase I: Prepare streets for Phase II: April and May 2009)

**In and out of home:** Duration: one day  
Delay: up to 30 minutes

Phase II: Step One - Applying Rubber Binder Chip Seal (expected to begin in mid June 2009)

**In and out of home:** Duration: one day  
Delay: up to 60 minutes

Phase II: Step Two - Apply Microsurfacing (expected to begin in July 2009)

**In and out of home:** Duration: one day  
Delay: up to 6 hours

**To and from home:** Observe lane and street closures, posted speed limit signs and signs indicating delays during each phase of construction.

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We wish to call to your attention the following precautions to help us perform a better job and protect you, your family, and your property.

***Please help by following these precautions:***

- ***Keep your children and pets away from the street while we are doing these treatments. Several large pieces of equipment are involved.***
- ***Drive slowly; the pavement can be slippery because of the loose rock. Do not drive on the treatments until the lanes have been reopened to traffic. Obey "Loose Gravel" and "15MPH" posted signs.***
- ***Warn your children to be careful while riding their bicycles. It would be preferable if they refrained from riding altogether until the loose rock is swept up.***
- ***Continue to park your car off the road or cover vehicles if necessary until the initial sweeping is completed.***
- ***Check your shoes before walking into your house. The loose rocks can be picked up and tracked onto carpets or scratch wood floors.***
- ***Respect Construction Areas and Workers: Do not drive on the treatments, cross over closed lanes to access or exit your driveway. This will result in damage to your car.***

***We thank you in advance for your patience and cooperation***

Please contact Ann Page with our Engineering Division at (925) 671-5260 if you require assistance with a specific need or have any additional questions or concerns. Also call if there are any concerns during construction so that we may resolve them as quickly as possible.